

WHAT IS CLAIMED IS:

1. An image and audio reproducing apparatus comprising:

a display device;

5 a storage device which stores a picked-up image data, audio data which is generated before and at a pick-up timing of the image data and time data indicating the pick-up timing;

10 an audio reproducing device which reproduces the audio data;

an image reproducing device which reproduces the image data to display an image on the display device; and

15 a controller which controls the image reproducing device based on the time data to inform the pick-up timing.

2. The image and audio reproducing apparatus according to claim 1, wherein

20 the controller controls the image reproducing device to display the image data when audio data which is generated at the pick-up timing is reproduced.

3. The image and audio reproducing apparatus according to claim 2, wherein

25 the controller controls the image reproducing device to display a relationship between a timing when the reproduced audio data is generated and the pick-up timing on the display device.

4. The image and audio reproducing apparatus according to claim 1, wherein

the controller controls the image reproducing device to display a relationship between a timing when
5 the reproduced audio data is generated and the pick-up timing on the display device.

5. The image and audio reproducing apparatus according to claim 4, wherein

the controller controls the image reproducing
10 device to display the relationship in a form of one of a bar graph, pie chart and a numerical expression.

6. The image and audio reproducing apparatus according to claim 1, wherein

the controller controls the image reproducing
15 device to change the image displayed on the display device when audio data which is generated at the pick-up timing is reproduced.

7. The image and audio reproducing apparatus according to claim 6, wherein

20 the controller controls the image reproducing device to replace the image displayed on the display device with another image.

8. The image and audio reproducing apparatus according to claim 1, wherein

25 the controller controls the image reproducing device to gradually change the image displayed on the display device until audio data which is generated at

the pick-up timing is reproduced.

5 9. The image and audio reproducing apparatus
according to claim 8, wherein the controller controls
the image reproducing device to reduce a size of the
image displayed on the display device at a start of
reproduction of the audio data, and to gradually
increase the size of the image displayed on the display
device until a time when audio data which is generated
at the pick-up timing is reproduced.

10 10. The image and audio reproducing apparatus
according to claim 2, wherein

the storage device further stores audio data which
is generated after the pick-up timing, and

15 the controller controls the audio reproducing
device to reproduce the audio data after a time when
the audio data which is generated at the pick-up timing
is reproduced.

11. The image and audio reproducing apparatus
according to claim 8, wherein

20 the storage device further stores audio data which
is generated after the pick-up timing, and

the controller controls the audio reproducing
device to reproduce the audio data after a time when
the audio data which is generated at the pick-up timing
is reproduced, and to gradually change the image
25 displayed on the display device after a time when the
audio data which is generated at the pick-up timing is

reproduced.

12. The image and audio reproducing apparatus according to claim 1, further comprising:

5 a selector which selectively disables the controller, and

wherein the controller controls the image reproducing device to display information indicating the pick-up timing on the display device when the selector does not disable the controller.

10 13. The image and audio reproducing apparatus according to claim 1, wherein

the storage device stores plural sets of audio data and image data which are associated with each other, and the apparatus further comprises:

15 a first selector which selects one of sets of audio data and image data stored in the storage device, and wherein

the audio reproducing device reproduces the audio data selected by the selector, and

20 the image reproducing device reproduces the image data selected by the selector.

14. The image and audio reproducing apparatus according to claim 13, further comprising:

25 a determining unit which determines whether the storage device stores audio data which is generated before and at the pick-up timing, and

wherein the controller controls the image

reproducing device to display information indicating the pick-up timing on the display device when the determining unit determines that the storage device stores audio data which is generated before and at the pick-up timing.

15 15. The image and audio reproducing apparatus according to claim 13, wherein the controller comprises a second selector which selects a set of audio data which is generated before and at the pick-up timing and image data and presents the selected set as a selection candidate for the first selector.

10 16. The image and audio reproducing apparatus according to claim 1, wherein the image and audio reproducing apparatus comprises a digital camera comprising:

 a pick-up device which picks up an image to output the pick-up image data; and

 a recorder which records an audio sounds to output the audio data.

15 17. An article of manufacture comprising a computer usable medium having computer readable program code means embodied therein, the computer readable program code means comprising:

20 computer readable program code means for causing a computer to read a picked-up image data, audio data which is generated before and at a pick-up timing of the image data and time data indicating the pick-up

timing from a storage means;

computer readable program code means for causing
a computer to reproduce the audio data;

computer readable program code means for causing
5 a computer to reproduce the image data to display
an image on a display device; and

computer readable program code means for causing a
computer to control the image data reproducing program
code means based on the time data to inform the pick-up
10 timing.

18. The article of manufacture according to
claim 17, wherein

the controlling program code means comprises
computer readable program code means for causing a
15 computer to control the image data reproducing program
code means to display the image data when audio data
which is generated at the pick-up timing is reproduced.

19. The article of manufacture according to
claim 17, wherein

20 the controlling program code means comprises
computer readable program code means for causing
a computer to display a relationship between a timing
when the reproduced audio data is generated and the
pick-up timing on the display device.

25 20. The article of manufacture according to
claim 17, wherein

the controlling program code means comprises

computer readable program code means for causing a computer to change the image displayed on the display device when audio data which is generated at the pick-up timing is reproduced.

5 21. The article of manufacture according to claim 17, wherein

 the controlling program code means comprises computer readable program code means for causing a computer to gradually change the image displayed on
10 the display device until audio data which is generated at the pick-up timing is reproduced.

 22. An image and audio reproducing method comprising the steps of:

 reading a picked-up image data, audio data which
15 is generated before and at a pick-up timing of the image data and time data indicating the pick-up timing from a storage means;

 reproducing the audio data;

 reproducing the image data to display an image on
20 a display device; and

 controlling the image data reproducing step based on the time data to inform the pick-up timing.